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DEPARTMENT OF NATURAL RESOURCES

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Division of Oil, Gas and Mining

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Minerals Inspection Report

Reviewed 

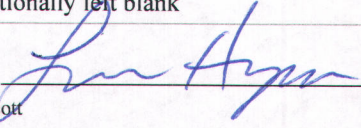
Report Date: 07/15/2014

Mine Name: North Tailings Impoundment	Permit Number: M/035/0015	Mine Status: Active
Operator Name: Rio Tinto - Kennecott Utah Copper	Inspection Date: August 21, 2013	Permit Fees: Paid
Inspector(s): L Heppler, A Abate, T Nicolaysen	Inspection Time: 2:00 PM	Bond Amount: \$22,166,333
Attendee(s): T Lindsay, T Heaton	Weather: Sunny, Dry	Bond Escalation: 12/20/2016
Inspection Purpose: Routine annual inspection		Prior Inspection: May 10, 2012

Conclusions and Recommendations

OGM recommends continuing with biodiversity of vegetation. OGM to continue annual inspections and monitor the site when in the area. Permit M/035/0014 covers the tailings impoundment expansion adjacent to and north of the original Kennecott tailings impoundment (permit M/035/0002). Both permit areas were inspected on August 21, 2013.

Elements of Inspection	Evaluated & Commented	Enforcement
1. <i>Permits, Revisions, Transfer, Bonds</i> Permit fee and reclamation bond is up to date.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. <i>Public Safety (shafts, adits, trash, signs, highwalls)</i> Mine site is accessed through a paved road and locked gate. No trash noted on site. No highwalls at this site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. <i>Protection of Drainages/Erosion Control</i> No erosional problems were noted during inspection.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. <i>Deleterious Material</i> No deleterious material noted during inspection.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. <i>Roads (maintenance, surfacing, dust control, safety)</i> Roads were well maintained. A polymer is used on tailings outer surfaces for dust suppression prior to establishment of vegetation, and a automated sprinkler system is utilized for dust suppression.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. <i>Reclamation</i> Concurrent reclamation is doing well. OGM request additional efforts on biodiversity at the site.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. <i>Backfilling/Grading (trenches, pits, roads, highwalls, shafts)</i> No regrading at this site	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. <i>Soils</i> No soil stockpiles are noted at the time of inspection, but the north facing slope of the tailings impoundment has been top soiled with imported borrow. There was no topsoil available at this site to be borrowed.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. <i>Revegetation</i> Vegetation is dominantly a variety of grasses and photos document new vegetation efforts by Rio Tinto.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. <i>Other</i> This line is intentionally left blank	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Inspector's Signature: 

CC: Chris Kaiser - Kennecott

File: /nrwogmfs1/OGM/GROUPS/MINERALS/WP/M035-SaltLake/M0350015-NorthTailingsImpoundment/inspections/INSP-08212013.pdf





North slope of tailings impoundment -Topsoiled and seeded - mono-culture



East facing slope of tailings impoundment- dominantly weeds



Clarification canal - east side of tailings



Salt Cedar - (Tamaricks) - need to be treated